Product Bulletin

Document #:PB26315X
Issue Date:07 Aug 2025

Title of Change:	Datasheet correction for FGH4L50T65MQDC50 for Figure18&19 transient thermal impedance
Effective date:	07 Aug 2025
Contact information:	Contact your local onsemi Sales Office
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Datasheet correction
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

onsemi Sites	**External Foundry/Subcon Sites**
None	None

Description and Purpose:

To correct the thermal impedances table for ri[K/W] and τ[s] of IGBT & Diode as below. The change will not impact form, fit, or function of product.

Current:

FGH4L50T65MQDC50

TYPICAL CHARACTERISTICS

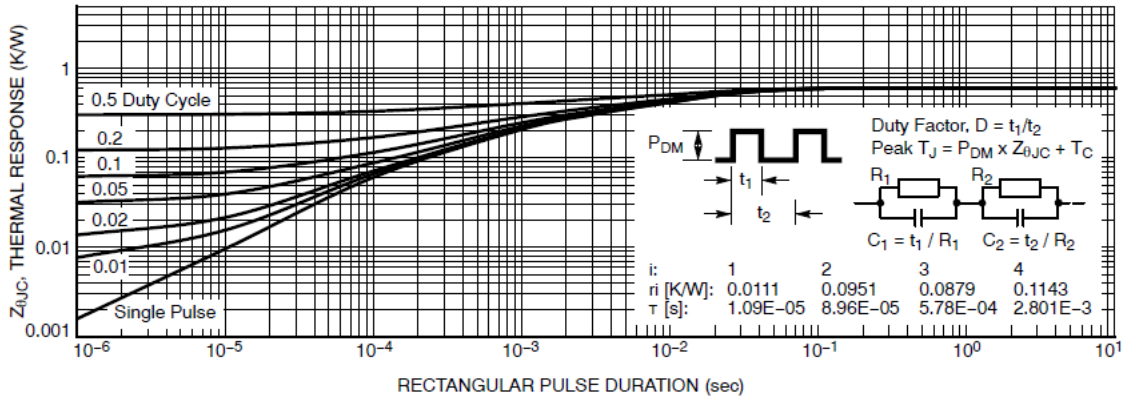

Figure 18. Transient Thermal Impedance of IGBT

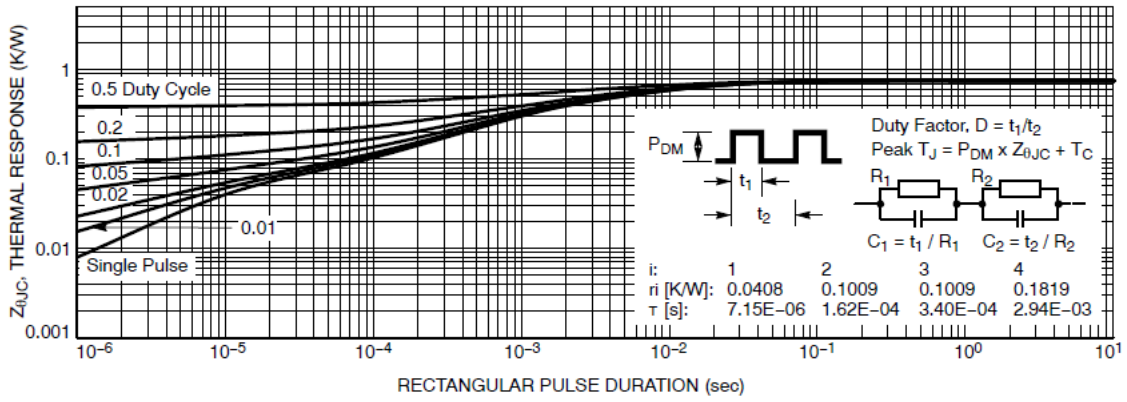

Figure 19. Transient Thermal Impedance of Diode

New:

FGH4L50T65MQDC50

TYPICAL CHARACTERISTICS

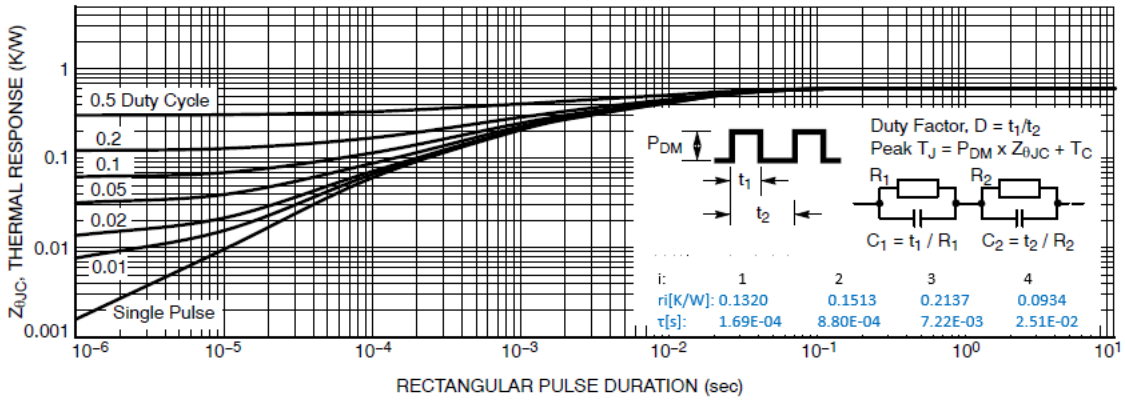

Figure 18. Transient Thermal Impedance of IGBT

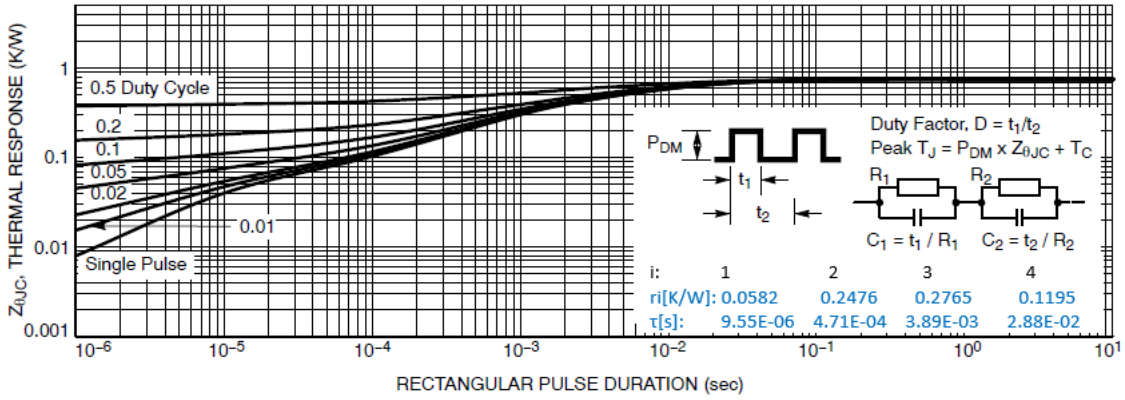

Figure 19. Transient Thermal Impedance of Diode

List of Affected Standard Parts:

***Note**: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.*

FGH4L50T65MQDC50		